

# **APPARATUS WITH A CAP AND COVER ASSEMBLY, AN ELECTRON GUN WITH A CAP ASSEMBLY, AND A METHOD OF USING A TUBE**

## **Abstract of Disclosure**

A cap can comprise an aperture, and an attenuator may block the aperture during at least one point in time. In one embodiment, the attenuator can include a cover that may be displaced by a spring. In another embodiment, an electron gun, such as an electron gun, may comprise a support cap with an aperture, a displaceable cover that may cover the aperture, and a spring. A material attached to the spring and acting as a fuse may release the spring and expose the aperture after an electrical current blows the "fuse." In yet another embodiment, a method for using a tube may comprise evacuating the tube while a cover covers an aperture in the support cap of a electron gun that is at least partially in the tube and moving the cover to expose the aperture after the tube is sealed.

## Figures